


COUNTY OF YORK

MEMORANDUM

DATE: July 26, 2006 (BOS Mtg. 8/01/2006)

TO: York County Board of Supervisors

FROM: James O. McReynolds, County Administrator 

SUBJECT: Increased Well Capacity

In 2004 the County entered into a water service agreement with the City of Newport News that calls for Newport News Waterworks to provide future water service to the Lightfoot area of the County. As a part of that agreement the County is to increase the total pumping capacity of the four wells to be transferred to Newport News (the increase in capacity would be necessary if the County were to continue operating the system). Staff has now determined that the most efficient and cost effective way to do this is to increase the production capacity of well number one by providing a new well facility. This will involve the demolition and replacement of the 25 year old well house and pumping facility, replacement of the existing pumps with higher capacity pumps, renovation and relocation of the three existing storage tanks and installation of an additional tank and replacement of the emergency power supply.

The engineering estimate for this project was approximately \$1.2 million. Fortunately, the low bid was under \$1 million. The County received four bids on the project. Mid-Eastern Builders was the low bidder at a price of \$997,500. A contingency of about 5% is needed due to the uncertainties associated with this type work. In addition, \$30,000 is needed for the County to run 3-phase power to the well site to service the larger pumps. The Water and Sewer Extension Fund has an un-designated balance that is sufficient to allow for the appropriation of the \$1,077,500 (\$997,500 bid + \$50,000 contingency + \$30,000 electrical) necessary for this project.

I recommend that the Board of Supervisors adopt proposed resolution R06-106 to appropriate the funds needed for this project and to award the bid to the low bidder as described above.

Woodward/3241:mw

Attachment:

- Resolution R06-106